



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. IX 30
Effective Date October 7, 1998

SECTION V HEALTH HAZARD DATA IX 30

Threshold Limited Value None established. (ACGIH 1992-93).
Toxicity data: ipr-mus LD50: 150 mg/Kg.

Effects of Overexposure May be mildly irritating to the skin and eyes may cause slight corneal injury. Specific data is not available. May cause irritation if inhaled. If ingested, may cause irritation of mouth, throat, esophagus and gastrointestinal tract. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush with water, then wash with soap and water. **INHALATION:** Remove to fresh air. If symptoms of illness develop, get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability **Unstable** **Conditions to Avoid** Excessive temperatures or heat.
Stable X

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products When heated to decomposition, emits toxic fumes of oxides of nitrogen (NO_x), carbon dioxide and carbon monoxide.

Hazardous Polymerization **Conditions to Avoid**
May Occur **Will Not Occur** Not applicable.
X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Wear protective safety equipment and use adequate ventilation. Avoid making dust. Sweep up and place in a suitable container for disposal. Wash spill area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved incinerator equipped with an after burner and scrubber or contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation **Local Exhaust** **If dusty.** **Special** No.
Mechanical (General) **As needed.** **Other** No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Eye wash station, lab coat, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place. Wash thoroughly after handling. Do not inhale, ingest or allow material to come in contact with skin or eyes.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Use with adequate ventilation.
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5 **Date** 10/7/98 **Approved** Michael Raszeja **Chemical Safety Coordinator** MR

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

| | |
|--------------------------|--|
| Product | 3-INDOLEACETIC ACID |
| Chemical Synonyms | Hetroauxin |
| Formula | C ₁₀ H ₉ NO ₂ |
| Unit Size | up to 2.5 Kg. |
| C.A.S. No. | 87-51-4 |

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA
HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

| | |
|------------|---|
| Health | 1 |
| Fire | 1 |
| Reactivity | 1 |

HMIS *

SECTION II INGREDIENTS OF MIXTURES

| Principal Component(s) | % | TLV Units |
|------------------------|------|-------------------|
| 3-Indoleacetic Acid | 100% | None established. |

CAUTION! MAY BE HARMFUL IF SWALLOWED.

MAY CAUSE SKIN AND EYE IRRITATION ON CONTACT.

SECTION III PHYSICAL DATA

| | | | |
|------------------------|---|---|--------------------|
| Melting Point (°F) | 168-170°C (334-338°F) | Specific Gravity (H ₂ O = 1) | Data not listed. |
| Boiling Point (°F) | Decomposes. | Percent Volatile by Volume (%) | Non-volatile (NA). |
| Vapor Pressure (mm Hg) | N/A | Evaporation Rate () | Non-volatile (NA). |
| Vapor Density (Air=1) | N/A | | |
| Solubility in Water | Sparingly soluble. | | |
| Appearance & Odor | Off White to tan crystalline powder; no odor. | | |

SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|----------------------------------|---|--|----|--------------|--------------|
| Flash Point (Method Used) | Non-flammable (NA). | Flammable Limits in Air % by Volume | NA | Lower | Upper |
| | | | | ----- | ----- |
| Extinguisher Media | Carbon dioxide (CO ₂); dry chemical (ABC); water spray. | | | | |

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, emits toxic fumes of oxides of nitrogen (NO_x). Can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20